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AMSAT NEWS SERVICE
ANS-222

The AMSAT News Service bulletins are a free, weekly news and information service of AMSAT North America, The Radio Amateur Satellite Corporation. ANS publishes news related to Amateur Radio in Space including reports on the activities of a worldwide group of Amateur Radio operators who share an active interest in designing, building, launching and communicating through analog and digital Amateur Radio satellites.

The news feed on http://www.amsat.org publishes news of Amateur Radio in Space as soon as our volunteers can post it.

Please send any amateur satellite news or reports to:
ans-editor at amsat.org.

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ANS-222 AMSAT News Service Weekly Bulletins

AMSAT News Service Bulletin 222.01
From AMSAT HQ SILVER SPRING, MD.
Auguat 10, 2014
To All RADIO AMATEURS
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Crowdfunding for Fox-1C Launch

AMSAT has set up a campaign page with FundRazr to help launch Fox-1C next year.
In order to maximize our success in raising the required funds, please visit the
following link and use the buttons to share the campaign with your friends and
contacts on social media and via email. The more it is shared, the more people
will see it, and the more support we will receive.

http://fnd.us/c/6pz92/sh/561Zd

We will continue to explore other fundraising venues between now and launch, so
please follow us on Twitter (AMSAT), Facebook (The Radio Amateur Satellite Corporation (AMSAT)), and at www.amsat.org for updates.

[ANS thanks Drew, KO4MA, for the above information]

2014 AMSAT Space Symposium Papers Deadline Approaching

This is the first call for papers for the 2014 AMSAT Annual Meeting and Space Symposium to be held on the weekend of October 10-12, 2014, at the DoubleTree Hotel by Hilton, Baltimore-Washington International Airport (BWI), Baltimore, Maryland. Proposals for papers, symposium presentations and poster presentations are invited on any topic of interest to the amateur satellite community. The final copy must be submitted by September 15 for inclusion in the printed proceedings. Abstracts and papers should be sent to Dan
Schultz at n8fgv at amsat.org

[ANS thanks the 2014 Baltimore Symposium Committee for the above information]

ARISS Contact Success

A direct contact via 8J3AK with students at Amino Kita Elementary School, Kyotango, Japan on Wed 2014-08-06 10:25:43 UTC 68 deg was successful. Students
conducted the interview in English with astronaut Gregory Wiseman, KF5LKT and
received answers to 23 questions.

[ANS thanks the ARISS Team for the above information]

France Will Now Allow Students Third Party Communication With The ISS

On July 16, 2014 the French State Secretary for Digital Affairs, Axelle Lemaire,
responded to a request by the Deputy of Haute-Vienne Province, Daniel Boiserrie,
authorizing French students to participate directly in ARISS educational school
contacts under the supervision of a licensed operator. Until now, the French administration was very restrictive. For direct school contacts, the operator
read the questions prepared by the students. Even this is "third party", but was
tolerated by the French regulatory authority.

Most European countries allow students to participate directly in ARISS school
contacts under the supervision of a licensed operator. Permission to do so requires varying procedures from country to country, but the issue of enabling
"third party" communications can generally be solved. Until now, the only exception was France. Notwithstanding years and years of efforts, French schoolchildren had no access to the mike for direct amateur radio

communications
with the ISS. The letter from the Secretary of State in charge of
telecommunications now changes the game.

On behalf of the European ARISS partners, Gaston Bertels, ON4WF,
ARISS-Europe
Chairman, extends thanks to Sylvain Valat, F1UJT, who led this successful
effort.

[ANS thanks the ARISS Team for the above information]

CubeSat Launch Initiative: 50 CubeSats from 50 States in 5 years

As part of the White House Maker Initiative, NASA is seeking to leverage the
growing community of space-enthusiasts to contribute to NASA’s space
exploration
goals. NASA is broadening the CubeSat Launch Initiative to promote a
spacecraft
nation and develop innovative technology partnerships among NASA, U.S.
industry
and educational institutions to build upon an existing successful
initiative and
expand it to include launching 50 small satellites from 50 states within
five
years. The initiative will enable the acceleration of flight-qualified
technology that will increase our understanding of Earth and assist in
bridging
current strategic knowledge gaps needed to extend human exploration of space
beyond low-Earth orbit, potentially reducing our nation’s cost for future
exploration efforts.

A new announcement of launch opportunity for CubeSat developers has been
released. It is the first step to broaden its reach to all 50 states by
targeting the 21 "rookie states" that have not previously been selected
by the
CubeSat Launch Initiative, and will leverage the Space Grant network of
colleges
and universities. Those states include: Arkansas, Delaware, District of
Columbia, Georgia, Idaho, Iowa, Kansas, Maine, Minnesota, Mississippi,
Nebraska,
Nevada, New Hampshire, New Jersey, North Carolina, Oklahoma, Oregon, South
Carolina, South Dakota, Washington, West Virginia, Wyoming and Puerto Rico.
CubeSats provide the opportunity for Makers to build small satellites to
demonstrate new innovative technologies and conduct scientific research in a
space environment.

Applicants must submit proposals electronically by 4:30 p.m. EST, Nov.
25. NASA
will select the payloads by Feb. 6, 2015, but selection does not guarantee a
launch opportunity. NASA will not provide funding for the development of the
small satellites.

CubeSat Launch Initiative satellites selected to date come from 29 states:
Alabama, Alaska, Arizona, California, Colorado, Connecticut, Florida,
Hawaii,
Illinois, Indiana, Kentucky, Louisiana, Maryland, Massachusetts, Michigan,
Missouri, Montana, New Mexico, New York, North Dakota, Ohio,
Pennsylvania, Rhode
Island, Tennessee, Texas, Utah, Vermont, Virginia, and Wisconsin

More information about the CubeSat Launch Initiative, including previously-selected Respondents, is available at:
http://www.nasa.gov/directorates/heo/home/CubeSats_initiative.html

[ANS thanks NASA for the above information]

An Amateur Radio Village at EMF 2014

There will be an amateur radio village and special event station GB2EMF at the
Electromagnetic Field EMF 2014 event taking place August 29-31 at Bletchley near
Milton Keynes.

EMF 2014 is a festival for anyone interested in radio, electronics, space, homebrewing, robots, UAVs, 3D printing, DIYBio, Internet culture or pretty much
anything else you can think of. It is a volunteer effort by a non-profit group,
inspired by European and US hacker camps like Chaos Communication Camp, HAR, and
toorcamp.

Imagine a camping festival with a power grid and high-speed internet access; a
temporary village of geeks, crafters, and technology enthusiasts that’s lit up
by night, and buzzing with activity during the day. Over a thousand curious people will descend on the friendly open space to learn, share, and talk about
what they love.

Over a long weekend, you can expect to see a huge variety of talks across three
stages, a slew of workshops, as well as music, games, and installations dotted
around the site.

Attendees are invited to set up their own villages – camps within the camp – where like-minded people can camp together and put on their own activities. The
hard-working EMF team of volunteers will supply you with power and internet to
your tent.

The special event station GB2EMF will be run from the Amateur Radio Village, it
had been hoped to have a 70cm/2m crossband FM repeater operational during the
event but it looks as though Ofcom licensing issues may preclude this.

At each EMF event the organisers try and give the attendees a great camp badge.
Not just a ‘Hello my name is” sticker but a nice fun piece of technology that
they can take away and use after the event.

EMF 2014 takes place August 29-31 near Newton Longville, just South of Bletchley, Milton Keynes, MK17 0BU.

EMF 2014 https://www.emfcamp.org/
Twitter @emfcamp
Facebook https://www.facebook.com/emfcamp

Report on the EMF 2012 event
http://amsat-uk.org/2012/09/01/emf-2012-milton-keynes/

[ANS thanks AMSAT-UK for the above information]

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In addition to regular membership, AMSAT offers membership in the President's Club. Members of the President's Club, as sustaining donors to AMSAT Project Funds, will be eligible to receive additional benefits. Application forms are available from the AMSAT Office.

Primary and secondary school students are eligible for membership at one-half the standard yearly rate. Post-secondary school students enrolled in at least half time status shall be eligible for the student rate for a maximum of 6 post-secondary years in this status. Contact Martha at the AMSAT Office for additional student membership information.

73,
This week's ANS Editor,
Lee McLamb, KU4OS
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